

CA-NV AWWA Water Loss Technical Assistance Program

Wave 4 Water Audit Level 1 Validation Document

Water System Name: Rio Linda - Elverta Community Water District

Water System ID Number: 3410018

Water Audit Period: Calendar 2016

Water Audit & Water Loss Improvement Steps:

Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

- There is an aggressive AMI meter replacement campaign. As of December 2016- 27% of the District meters were changed-out.
- Hydrant Flushing activities were greatly scaled back in 2016 and was found to be satisfactory in managing the water quality.
- Lag-time corrections are employed in input derivation for Bi-monthly billing. Input derivation from support documents were confirmed.

Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Utility Provided

Executive Name (Print)

Executive Position

Signature

Date

Mitch Dion

General Manager



9/29/17

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Audit Information:

Utility: Rio Linda / Elverta Community Water District PWS ID: 3410018
System Type: Potable Audit Period: Calendar 2016
Utility Representation: Pat Goyet (operations superintendent), Ralph Felix (general manager), Jeff Peterson (water conservation team coordinator)
Validation Date: 6/21/2017 Call Time: 1pm Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 59 Data Validity Band (Level): Band III (51-70)
ILI: 1.2 Real Loss: 14.5 (gal/conn/day) Apparent Loss: 3 (gal/conn/day)
Non-revenue water as percent of cost of operating system: 0.5%

Validator Provided

Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

Validator Information:

Water Audit Validator: Kate Gasner / Carolyn Prescott (support) Validator Qualifications: Contractor for CA-NV AWWA Water Loss TAP